



Texas A&M University-Texarkana

A. The extent to which the agency has met the percentage goal it established for reducing its usage of electricity, gasoline, and natural gas:

Texas A&M University-Texarkana is still in a transitory growth pattern after having moved from an old campus to a new campus that is less than seven years old. For the new campus, a source baseline of 213.5 mBtu / GSF was established in July 2012 and by June 2016 the team had reduced the EUI to 167.3 mBtu / GSF or a 21.6% reduction. Energy conservation efforts included scheduling heating and cooling operations based on building usage, engaging occupants to reduce energy consumption over holidays and balancing the HVAC system.

B. The steps the agency may take to increase the percentage goal for reducing its usage of electricity, gasoline, and natural gas:

Buildings at the new campus are metered for chilled water, heating hot water and electricity. Each week, a report is generated that graphically represents the energy consumption patterns of the buildings which is carefully reviewed to ensure that the operating schedules are properly maintained.

C. Any additional ideas the agency has for reducing energy expenditures relating to facilities:

The team continues to seek out new opportunities for efficiency and savings, such as replacing exterior lighting with efficient LED fixtures, scheduling heating and cooling operations based on building usage, and training maintenance staff on the best practices of utilization of the software used to control chilled water, heating hot water and electricity.

D. Any additional ideas the agency has to minimize fuel usage in all vehicles and equipment used by the agency.

Most of the campus's vehicle fleet operates on gasoline, except for the Hummer donated for UPD use which runs on diesel, and the fleet consists of vehicles with good fuel economy with a focus on carpooling when appropriate. Due to the small size of the campus, several electric golf carts have been modified as maintenance vehicles to further reduce energy consumption. As of September 1, 2016, the decision was made to auction off four of the fleet vehicles and utilize two Enterprise car share vehicles in their place. This should lower gasoline consumption and costs.

University Fleet Fuel Consumption

	Fuel (Gallons)	% Increase (Decrease)
FY13	4,676	
FY14	4,220	(9.8%)
FY15	3,181	(24.6%)
FY16	3,305	3.9%